

HOW DOES IT WORK?

The digital clock needs electricity to work. Electricity is produced by the flow of microscopic particles called electrons, and the battery you just made provides this stream of electrons or electric currents. The chemical reaction between the zinc, copper strips and the liquid in the slime caused electrons to flow when a wire is connected between them. Like any battery, this type of battery has a limited life. Hydrogen is produced on the copper strip while the zinc strip acquires deposits of oxides that act as a barrier between the metals and the slime. To revitalize the slime battery, clean the metal strips with sandpaper (not included) and use a new slime.

HOW TO SET DATE AND TIME

1. Press SET button 4 times to display MONTH. Use MODE button to set the current month.
2. Press SET button again once to display DAY. Use MODE button to set the current day.
3. Press SET button one more time to display HOURS. Use the MODE button to set the current hour. Note that A/P or H appears on the right of the display. A = AM. P = PM. H = 24-hour clock. Select the desired format by pressing MODE button repeatedly.
4. Press SET button again to display MINUTES. Use MODE button to set the current minute value.
5. To save the settings you have entered, press SET and then MODE.

ALARM AND HOURLY SIGNAL

To set the alarm:

1. Press SET button once and then press MODE button to activate the alarm function. Press SET one more time and use MODE button to set the alarm hour.
2. Press SET again and use MODE button to set alarm minute.
3. Press SET again to save these settings.

TO SWITCH OFF THE ALARM SIGNAL

To switch off the signal when the alarm sound, press SET button. You can also choose to switch off the alarm signal temporarily with the MODE button. If you use this so called "snooze" function, the alarm will sound every 5 minutes until you switch it off completely by pressing the SET button.

TO ACTIVATE/DEACTIVATE THE ALARM SIGNAL AND HOURLY SIGNAL:

1. Press the SET button once and then press the MODE button to activate or deactivate the alarm and hourly signal functions; ALARM ON (☞), CHIME ON (⏰), ALARM OFF and CHIME OFF
2. Press three more times on the SET button to return to the current time.

INGREDIENTS DETAIL:

Sodium Bicarbonate:

Name	ID	% by weight
Sodium Bicarbonate NaHCO ₃	CAS: 144-55-8 EC No.: 205-633-8	100

Glow Powder:

Name	ID	% by weight
Zinc Sulfide ZnS	CAS: 1314-98-3 EC No.: 218-251-3	95
Strontium Aluminate SrAl ₂ O ₄	CAS: 12004-37-4 EC No.: 234-455-3	5

STRONTIUM ALUMINATE:

H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. P261 Avoid breathing dust. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

STORAGE OF CHEMICALS

Avoid direct sunlight. Keep away from wet or high humidity. Do not mix them in closed container.

DISPOSAL OF SLIME

The slime can be disposed of in a waste container.

Glue:

Name	ID	% by weight
Water	CAS: 7732-15-5 EC No.: 231-791-2	89.9
Polyvinyl Alcohol	9002-89-5 EC No.: 618-340-9	10
Preservative C ₄ H ₄ NSOCl + C ₄ H ₅ NSO	CAS: 26172-55-4 EC No.: 247-500-7	0.1



Warning

Glow In The Dark SLIME CLOCK

WARNING

– Not suitable for children under 8 years. For use under adult supervision. Contains some chemicals which present a hazard to health. Read the instructions before use, follow them and keep them for reference. Do not allow chemicals to come into contact with any part of the body, particularly the mouth and eyes. Keep small children and animals away from experiments. Keep the experimental set out of reach of children under 8 years old. Eye protection for supervising adults is not included.

ADVICE FOR SUPERVISING ADULTS:

1. Read and follow these instructions, the safety rules and the first aid information and keep them for reference.
2. The incorrect use of chemical can cause injury and damage to health. Only carry out these experiments which are listed in instructions.
3. This experimental set is for use only by children over 8 years.
4. Because children's abilities vary so much, even within age groups, supervising adults should exercise discretion as to which experiments are suitable and safe for them. The instructions should enable supervisors to assess any experiment to establish its suitability for a particular child.
5. The supervising adult should discuss the warnings and safety information with the child or children before commencing the experiments. Particular attention should be paid to the safe handling of acid, alkalies and flammable liquids.
6. The area surrounding the experiment should be kept clear of any obstruction and away from the storage of food. It should be well lit and ventilated and close to a water supply. A solid table with a heat-resistant top should be provided.
7. Substances in non-reclosable packaging should be used up (completely) during the course of one experiment, i.e. after opening the package.

FIRST AID INFORMATION

Most important: In case of injury, get medical assistance immediately.

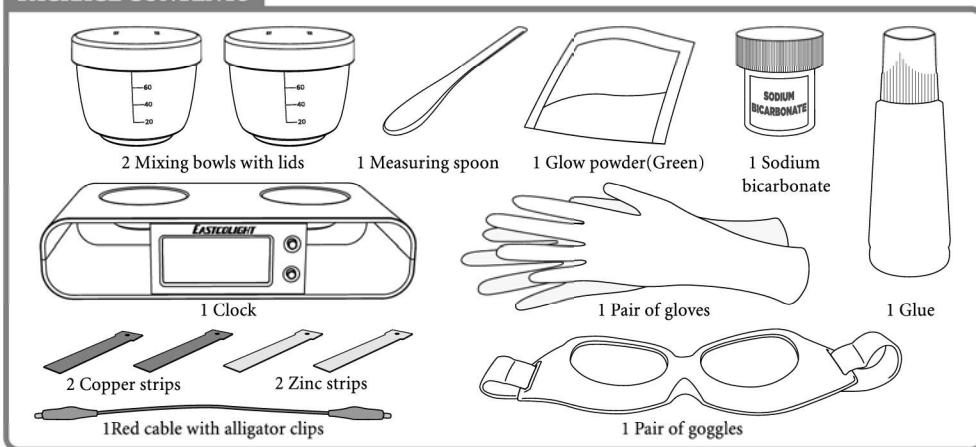
1. In case of eye contact: Wash out eye with plenty of water, holding the eye open if necessary. Seek immediate medical advice.
2. If swallowed: Wash out mouth with water; drink some fresh water. Do not induce vomiting. Seek immediate medical advice.
3. In case of inhalation: Remove person to fresh air.
4. In case of skin contact and burns: Wash affected area with plenty of water for at least 10 minutes.
5. In case of doubt, seek medical advice without delay. Take the chemical and its container with you.
6. In case of injury always seek medical advice.
Write the telephone number of your nearest Poison Control Center that can be reached in an emergency: _____

SAFETY RULES:

- Read these instructions before use, follow them and keep them for reference.
- Keep young children, animals and those not wearing eye protection away from the experiment area.
- Always wear eye protection.
- Store experimental sets out of reach of children under 8 years of age.
- Clean all equipment after use.
- Make sure that all containers are fully closed and properly stored after use.
- Ensure that all empty containers are disposed of properly.
- Wash hands after carrying out experiments.
- Do not use any equipment which has not been supplied with the set or recommended in the instructions for use.
- Do not eat or drink in the experiment area.
- Do not allow chemicals to come into contact with the eyes or mouth.

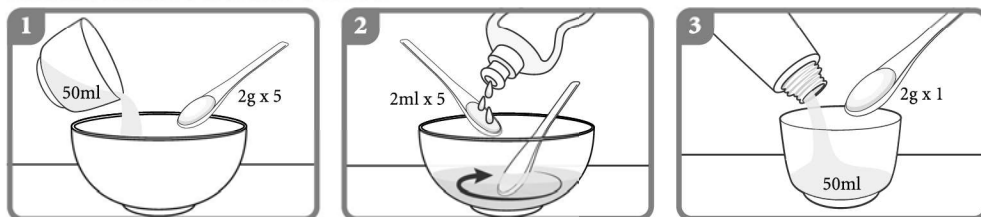
READ THE SAFETY REMINDERS CAREFULLY

PACKAGE CONTENTS



* You may also need : Dish soap, Large bowl

SLIME MAKING INSTRUCTIONS



1. Put on the gloves, the goggles and prepare a large bowl at home. Pour 10g of Sodium Bicarbonate (= 5 measuring spoons), add 50ml of hot water and mix well (Make sure everything is dissolved).
2. After dissolving the Sodium Bicarbonate, add 10ml (= 5 measuring spoons) of dish soap in it and mix it. Set it aside for use later.
3. Measure 50ml of glue with the mixing bowl provided and put 2g (= 1 measuring spoon) of glow powder into glue and mix well.



4. Pour the glue mixture into the Sodium Bicarbonate solution and start pushing the glue to one side gently.

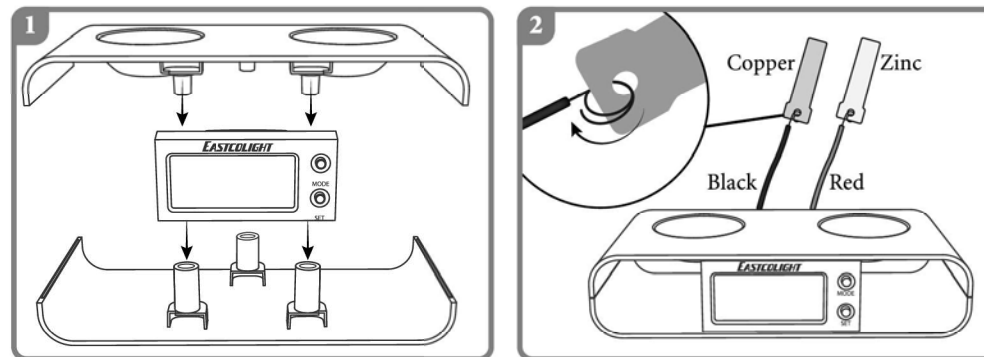
Attention: Remember! Do not stir, the glue would not stick together while stirring at the same direction. Since the saturation levels of different brands of dish soap is different, if the slime is not thickening up, you might need to add 1 or 2 spoons of dish soap.

5. The glue should start thickening up. Now use your hand to start kneading the clumps together. Try to squeeze out excess water and start stretching and kneading (This process allows excess water dries in air).
6. The slime dough should work well after stretching and kneading for a few minutes. Repeat steps 1-6 for another piece of slime. Enjoy your Slime time!

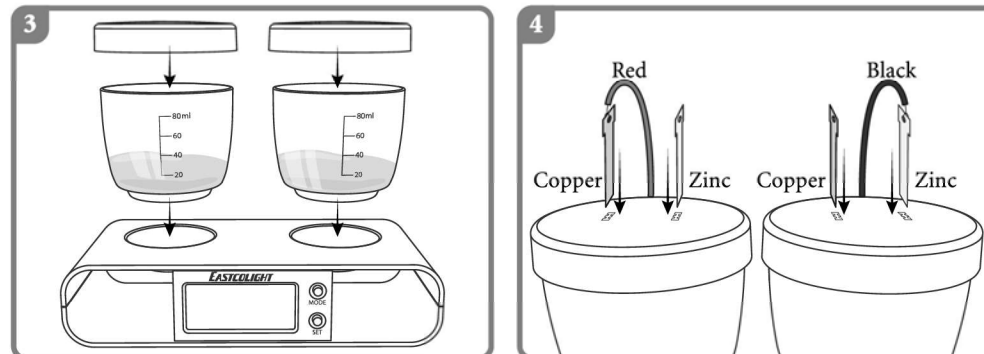
Extra tip: Slime could perform better and less sticky after soaking in salt water for 1 minute. Salt water : Salt 2g + Hot water 10ml

If you really can't understand something, DON'T WORRY, we are happy to help you. Just get an adult to help you onto the internet, and go to this link: <http://www.eastcolight.com/en-us/contact-us>. From there, it is easy to tell us your first name and ask us a question. We'll get back to you very quickly with an answer.

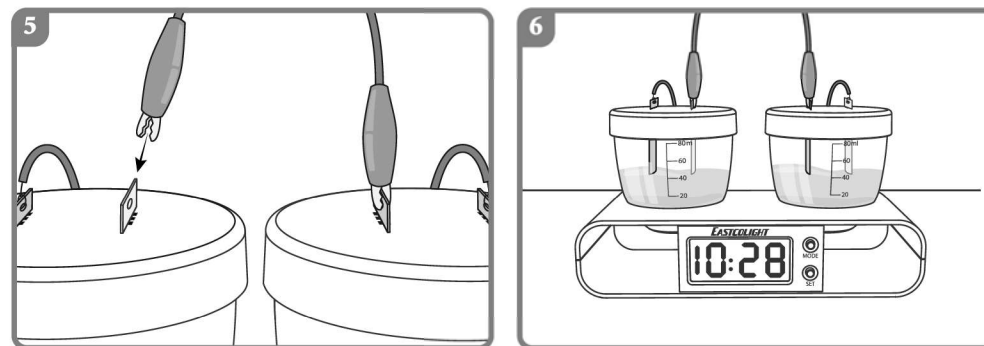
ASSEMBLING AND POWERING THE SLIME CLOCK



1. Install the digital clock face on the front poles of the bottom cover. Make sure the buttons are on the right. Place the top cover on the bottom cover. Make sure the poles line up and both parts join together properly.
2. Connect the digital clock face's red wire to a copper strip (golden) and its black wire to a zinc strip (silver), do this by wrapping the metal wire through the hole of the copper and zinc strip.



3. Put the two pieces of slime into the slime containers and place them on the cavities of the top cover.
4. Insert the zinc strip connected to the black wire and a copper strip into one slime container. Insert the copper strip connected to the red wire and a zinc strip into another slime container.



5. Use the red cable to connect a zinc strip with one end and a copper strip with the other end using the alligator clips.
6. The digital clock should power up now!